

# Z-MODADR

This chapter covers the following topics:

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  - Example
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## Description

Modify the work and home address for a cabinet or nickname.

This subprogram can be used by different types of users. Depending on the type of user, the following functions are allowed:

- **Cabinet Administrator**  
Modify the address for a cabinet (except for cabinet SYSCNT), or for a nickname in the cabinet administrator's own private cabinet.
- **System Administrator**  
Modify the address for cabinet SYSCNT, for a nickname in cabinet SYSCNT, or for a nickname in the system administrator's own private cabinet.
- **Any Other User**  
Modify the address for a nickname in the user's own private cabinet.

You must specify at least one of the following parameters: Cabinet-name, Nickname or Object-ISBN. Thus, the following combinations are allowed: Cabinet-name and Object-ISBN, Nickname and Object-ISBN, only the Cabinet-name, only the Nickname, or only the Object-ISBN.

The following table shows the parameters that are used for the different functions of this subprogram (the table does not consider the Object-ISBN):

Function	Cabinet	Cabinet-name	Nickname
Modify the address for a cabinet (except for cabinet SYSCNT).	User ID of a cabinet administrator.	The name of the cabinet to be modified.	
Modify the address for cabinet SYSCNT.	User ID of a system administrator.	The cabinet name "SYSCNT".	
Modify a nickname in cabinet SYSCNT.	The cabinet name "SYSCNT".		The nickname to be modified.
Modify a nickname in the own private cabinet.	The name of the cabinet in which the nickname is stored.		The nickname to be modified.

Parameters which are not completed in the parameter list are deleted from the address. Thus, to retain the existing values, you must specify them once more before you invoke this subprogram.

To fill the parameters with the already existing address values, it is recommended that you invoke Z-GETADR prior to invoking Z-MODADR (see the following example program).

## Parameters

Parameter	Format	In	Out	Remarks
Return-code	N2	O	X	Input -1: no ET.
Cabinet	A8	R		To modify the address for a cabinet, this must be the user ID of a cabinet administrator. To modify the nickname, this must be the ID of the cabinet in which the nickname is stored.
Password	A8	R		The password of the above cabinet.
Cabinet-name	A8	R/O*		The name of the cabinet to be modified. Either Cabinet-name or Nickname, not both.
Nickname	A32	R/O*		The nickname to be modified. Either Nickname or Cabinet-name, not both.
Object-ISBN	P10	R/O		The ISBN of the cabinet or nickname to be modified. You can invoke Z-GETADR prior to Z-MODADR to obtain the ISBN for the desired cabinet or nickname. The Object-ISBN can either be specified alone, or in addition to Cabinet-name or Nickname. In the latter case, the Object-ISBN must correspond to the Cabinet-name or Nickname, otherwise return code 4 is issued.
Work-title	A32	O		
Work-company	A32	O		
Work-location	A32	O		
Work-address	A60/1:3	O		

Parameter	Format	In	Out	Remarks
Work-city	A32	O		
Work-country	A8	O		
Work-department-name	A32	O		
Work-department-number	A10	O		
Work-phone	A15	O		
Work-phone-country	N2	O		
Work-phone-extension	A10	O		
Work-postal-code	A10	O		
Work-state	A8	O		
Home-address	A60/1:2	O		
Home-city	A32	O		
Home-country	A8	O		
Home-phone	A15	O		
Home-phone-country	N2	O		
Home-postal-code	A10	O		
Home-state	A8	O		

## Return Codes

00	Success
02	Invalid cabinet name
03	Password incorrect
04	ISN was not found
15	Invalid administrator status
53	Requested object does not exist
91	Invalid input in the parameter Cabinet-name or Nickname
92	You can either specify Cabinet-name or Nickname, you must not specify both
93	You must specify the parameter Cabinet-name or Nickname

## Subprograms

Z-120  
Z-122  
Z-123  
Z-1200&0

## Example

The following example uses a local data area for the parameters of Z-MODADR. See *Local Data Areas* for further information.

Only the parameters used by Z-GETADR are defined locally.

```
*****
* Shows how a cabinet administrator can substitute the old German
* zip codes (PLZ) with the new five-character zip codes
*****
DEFINE DATA
LOCAL USING L-MODADR                /* used by Z-MODADR
LOCAL
1 OBJECT-NUMBER          (N2)        /* used by Z-GETADR (in
1 PRIVATE-FLAG           (A1)        /* addition to the
1 LAST-NAME              (A32)       /* variables defined in
1 FIRST-NAME             (A32)       /* the local data area
1 INITIAL                (A1)        /* L-MODADR)
1 WORK-PARAMETER         (A88)
1 TABLE-DA(A30/2) INIT
   (1) <'Haardtring      64295'>
   (2) <'Friedberger    64289'>
1 REDEFINE TABLE-DA
   2 STRING (2)
     3 STREET            (A20)
     3 PLZ               (A5)
1 IND                     (N2)
1 ADR-INX                (N2)
1 #RETURN-CODE           (N2)
1 #COUNTER               (N3)
END-DEFINE
*
MOVE 'ADMIN-ID'          TO CABINET
MOVE 'PASSWORD'          TO PASSWORD
MOVE '**'                TO CABINET-NAME /* all cabinets
REPEAT
  RESET RETURN-CODE
  CALLNAT 'Z-GETADR'
  RETURN-CODE
  CABINET
  PASSWORD
  CABINET-NAME
  NICKNAME
  OBJECT-ISN
  OBJECT-NUMBER
  PRIVATE-FLAG
  LAST-NAME
  FIRST-NAME
  INITIAL
  WORK-TITLE
```

```

WORK-COMPANY
WORK-LOCATION
WORK-ADDRESS(*)
WORK-CITY
WORK-COUNTRY
WORK-DEPARTMENT-NAME
WORK-DEPARTMENT-NUMBER
WORK-PHONE
WORK-PHONE-COUNTRY
WORK-PHONE-EXTENSION
WORK-POSTAL-CODE
WORK-STATE
HOME-ADDRESS(*)
HOME-CITY
HOME-COUNTRY
HOME-PHONE
HOME-PHONE-COUNTRY
HOME-POSTAL-CODE
HOME-STATE
WORK-PARAMETER
*
MOVE RETURN-CODE TO #RETURN-CODE
IF RETURN-CODE EQ 0
    OR RETURN-CODE EQ 77
    RESET RETURN-CODE
*
PERFORM FILL-PLZ /* see the subroutine at the end of this program
*
CALLNAT 'Z-MODADR'
    L-MODADR
END-IF
IF RETURN-CODE EQ 0
    ADD 1 TO #COUNTER
END-IF
UNTIL #RETURN-CODE NE 77
END-REPEAT
*
WRITE #COUNTER ' addresses were modified'
*
* *****
*
DEFINE SUBROUTINE FILL-PLZ
*
IF WORK-CITY EQ SCAN 'Darmstadt'
    FOR ADR-INX 1 TO 3
        FOR IND 1 TO 2
            IF WORK-ADDRESS(ADR-INX) EQ SCAN STREET(IND)
                MOVE PLZ(IND) TO WORK-POSTAL-CODE
            END-IF
        END-FOR
    END-FOR
END-IF
*
END-SUBROUTINE
* *****
END

```